

AMENDMENTS TO THE CLAIMS

Claim 1 (Currently Amended) A fluid dynamic bearing device, comprising:
a rotating member;
a stationary member arranged relative to the rotating member so as to form a radial bearing gap and a thrust bearing gap therebetween;
a radial bearing portion for retaining configured to retain the rotating member and the stationary member in a radial direction in a non-contact non-contact fashion by a dynamized dynamic pressure action of a fluid generated in at the radial bearing gap between the rotating member and the stationary member; and
a thrust bearing portion for retaining configured to retain the rotating member and the stationary member in a thrust direction in the non-contact non-contact fashion by a dynamized dynamic pressure action of the fluid generated in at the thrust bearing gap between the rotating member and the stationary member,
wherein at least portions a portion of the stationary member and at least a portion of the rotating member face the thrust bearing gap and are all formed of resins resin, and
wherein at least one of the at least a portion of the stationary member formed of resin and the at least a portion of the rotating member resin portions is formed of resin is blended with reinforcement fibers of a fiber diameter of 1 to 12 μm as a filler.

Claim 2 (Original) A fluid dynamic bearing device according to Claim 1, wherein the reinforcement fibers are blended in the resin in an amount of 5 to 20 vol%.

Claim 3 (Currently Amended) A fluid dynamic bearing device according to Claim 1, wherein the filler further contains an electrical electrically conductive agent.

Claim 4 (Currently Amended) A fluid dynamic bearing device according to Claim 1, wherein the filler is blended in the resin in a total amount of 30 vol% or less.

Claim 5 (Original) A fluid dynamic bearing device according to Claim 1, wherein the reinforcement fibers are PAN-based carbon fibers.

Claim 6 (Currently Amended) A fluid dynamic bearing device according to Claim 1, wherein the resin portions at least a portion of the stationary member formed of resin and the at least a portion of the rotating member formed of resin facing the thrust bearing gap are formed of resin materials of different base resins.

Claim 7 (Currently Amended) A fluid dynamic bearing device according to Claim 1, wherein one of the resin portions at least a portion of the stationary member formed of resin and the at least a portion of the rotating member formed of resin facing the thrust bearing gap is formed of LCP.

Claim 8 (Currently Amended) A fluid dynamic bearing device according to Claim 1, wherein one of the at least a portion resin portions of the stationary member formed of resin and the at least a portion of the rotating member formed of resin facing the thrust bearing gap is formed of PPS.

Claim 9 (Currently Amended) A fluid dynamic bearing device according to Claim 1, wherein the at least a portion resin portion of the rotating member formed of resin is a flange portion of a shaft member.

Claim 10 (Currently Amended) A fluid dynamic bearing device according to Claim 1, wherein the at least a portion resin portion of the rotating member formed of resin is a rotating member having a mounting portion for a rotor magnet.

Claim 11 (Currently Amended) A fluid dynamic bearing device according to Claim 1, comprising wherein:

a shaft member provided as the rotating member, member is a shaft member, and the stationary member is a bearing sleeve and a housing; and wherein
a-the bearing sleeve into whose has an inner periphery, the inner periphery being
configured so as to have the shaft member is inserted therein[[-]], and
a housing in which the bearing sleeve is fixed in position inside the housing, and
the bearing sleeve and the housing being provided as the stationary member,

the housing ~~having~~has a portion facing the thrust bearing gap.

Claim 12 (Currently Amended) A fluid dynamic bearing device comprising:

- a housing;
- a bearing sleeve fixed in position inside the housing;
- a rotating member ~~making a~~ configured to rotate relative rotation with respect to the bearing sleeve and the housing, ~~the rotating member being arranged relative to the bearing sleeve so as to form a radial bearing gap therebetween and being arranged relative to the housing so as to form a thrust bearing gap therebetween;~~
- a radial bearing portion ~~for supporting~~ configured to support the rotating member in a radial direction in ~~a non-contact~~ fashion by ~~a~~ dynamic pressure action of a lubricant generated in ~~a~~ the radial bearing gap between the rotating member and the bearing sleeve; and
- a thrust bearing portion ~~for supporting~~ configured to support the rotating member in a thrust direction in ~~the~~ non-contact fashion by ~~a~~ dynamic pressure action of the lubricant generated in ~~a~~ the thrust bearing gap between the rotating member and the housing,

wherein the housing constitutes the thrust bearing portion and has a thrust bearing surface in which dynamic pressure grooves are formed and a fixation surface to which ~~another~~ a metal member is fixed, and

wherein the housing has a portion including the thrust bearing surface and being formed of a resin material, and a portion including the fixation surface formed of a metal material.

Claim 13 (Original) A fluid dynamic bearing device according to Claim 12, wherein the housing is formed through injection molding of a resin material, using the portion including the fixation surface formed of the metal material as an insert part.

Claim 14 (Currently Amended) A fluid dynamic bearing device according to Claim 12, wherein the housing has a cylindrical side portion, ~~the cylindrical side portion having a first end and a second end, and an opening situated~~ is disposed at ~~one~~ the first end of the side portion, and a bottom portion ~~situated~~ is disposed at ~~another~~ the second end of the side portion, with the thrust bearing surface being provided disposed on a side of the opening.

Claim 15 (Currently Amended) A fluid dynamic bearing device according to Claim 12, wherein the housing has a cylindrical side portion, the cylindrical side portion having a first end and a second end, and an opening is disposed situated at onethe first end of the side portion, and a bottom portion situatedis disposed at the othersecond end of the side portion, with the thrust bearing surface being disposed provided on a side of the bottom portion.

Claim 16 (Previously Presented) A motor comprising:

- a fluid dynamic bearing device according to Claim 1;
- a rotor magnet; and
- a stator coil.

Claim 17 (Previously Presented) A fluid dynamic bearing device according to Claim 2, wherein the filler is blended in the resin in a total amount of 30 vol% or less.

Claim 18 (Previously Presented) A fluid dynamic bearing device according to Claim 3, wherein the filler is blended in the resin in a total amount of 30 vol% or less.

Claim 19 (Previously Presented) A motor comprising:

- a fluid dynamic bearing device according to Claim 12;
- a rotor magnet; and
- a stator coil.

Claim 20 (New) The fluid dynamic bearing device according to claim 1, wherein both of the at least a portion of the stationary member and the at least a portion of the rotating member are blended with reinforcement fibers of a fiber diameter 1 to 12 μm as a filler.

Claim 21 (New) The fluid dynamic bearing device according to Claim 12, wherein the housing includes a resin portion having the thrust bearing surface and a cylindrical metal portion having the stationary surface, the metal portion has a first closed end part and a second opened end part, and a resin portion is disposed at the second end part.